

Specifications

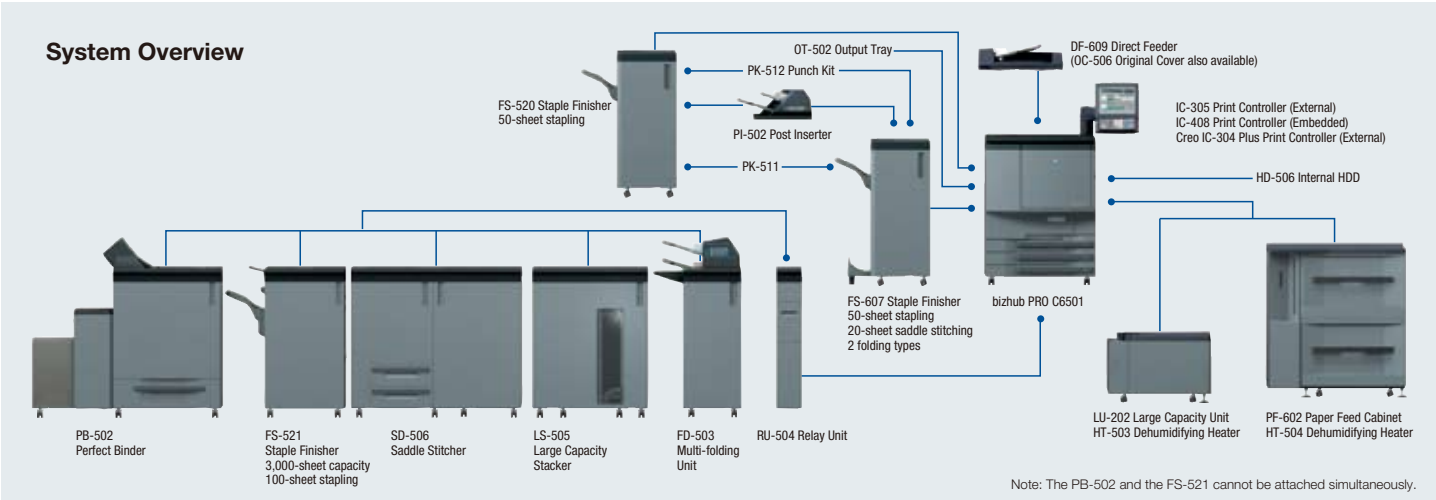
Model Name		bizhub PRO C6501
Type		Console (Colour Copier / Printer / Scanner)
Resolution	Scanning	600 x 600dpi
	Printing	600 x 600dpi
Memory	DIMM	256MB x 4
	HDD	40GB x 4 (option)
Paper sizes	Main Unit	A5 – A3 (140 x 182mm – 330 x 487mm)
	Multi-bypass	A6 – A3 (100 x 148mm – 330 x 487mm)
Warm-up Time		420 seconds or less
First-copy Time	Full Colour	6.5 seconds or less
	B/W	5.0 seconds or less
Copy Speed	Full Colour	36cpm (A3), 41cpm (B4), 65cpm (A4), 65cpm (B5)
	B/W	36cpm (A3), 41cpm (B4), 65cpm (A4), 65cpm (B5)
Magnification	Fixed	Fixed Ratio: 1:1 ±0.5%; Reduction: 0.500/0.707/0.816/0.866; Enlargement: 1.154/1.224/1.414/2.00
	Zoom	Zoom: 25% to 400% in 0.1% increments, 3 user settings
Paper Capacity (Main Unit)		500 x 3 sheets + 250 sheet multi-bypass
Paper Weights	Main Unit	64 – 209g/m ² (256g/m ² for A4 and larger sizes)
	Multi-bypass	64 – 300g/m ²
Multiple Copy		Up to 9,999
Power Requirement		240V/15A
Power Consumption		2.8kW (main unit only) or less
Dimensions (W x D x H)		786 x 992 x 1,066mm
Weight		Approx. 360kg (main unit only)

Print Controller Specifications

Some products are not available in some areas.

Print Functions				
Model		Fiery IC-305	Fiery IC-408	Creo IC-304 Plus
Type		External	Embedded	External
CPU		Intel Core 2 Duo 2.13GHz	Intel Celeron-D 2.8GHz FS8 533MHz	Intel Core 2 Duo 3.0GHz (6MB Cache)
Hard Disk		160GB	80GB	250GB SATA System Disk, 2 x 250GB SATA Image Disk
Memory	Standard	1024MB	512MB	1GB standard (Max.)
	Maximum	3GB	1,024MB	
Speed		65ppm (A4)	65ppm (A4)	65ppm (A4)
Resolution		1,800dpi (equivalent) x 600dpi	1,800dpi (equivalent) x 600dpi	1,800dpi (equivalent) x 600dpi
Printer Languages		Adobe PostScript 3 (3017)	Adobe PostScript 3 (3017), PCL6c	Adobe PostScript 3 (CPSI3017)
Network Protocol		TCP/IP (with IP V4 & V6 support), IPX/SPX (NDS), Apple Talk, SMB, SNMP, HTTP, IPP		Apple Talk, NetBEUI, TCP/IP, IPX/SPX
Operating System		Windows 2000 (SP4 or later) / XP (SP2 or later) / Vista		Windows 2000 Professional SP2 or later
		Windows Server 2003, Mac OS X (10.2.4 or later)		Windows XP Professional SP2 or later
Fonts	PS3	136 Adobe PostScript fonts, 2 Multiple Master fonts		Windows NT Workstation 4.0 SP6a*, Windows NT 4.0 Server*, Windows Server 2003
	PCL	—	80 fonts	Mac OS 9*, OS X (10.4 and 10.5)
Interface		Ethernet (10BASE-T/100BASE-TX/1000BASE-T, RJ-45), IEEE802.2 LLC/SNAP, IEEE802.3, USB2.0		Ethernet (10BASE-T/100BASE-TX/1000BASE-T)
Scan Functions				
Model		Fiery IC-305	Fiery IC-408	Creo IC-304 Plus
Size		Max. A3		
Resolution		200dpi x 200dpi, 300dpi x 300dpi, 400dpi x 400dpi, 600dpi x 600dpi		
Speed (B/W & Colour)		39opm		
Main Functions		Scan to Email, Scan to FTP, Scan to HDD, Scan to SMB		Scan to Email, Scan to HDD
Interface		Ethernet (10BASE-T/100BASE-TX/1000BASE-T)		
Protocol		TCP/IP		
Operating System		Windows 2000 SP4/XP SP2/Server 2003 SP4/Vista, Mac OS X (10.3.9+)		Windows 2000 SP4/XP SP2/Server 2003 SP4, Mac OS X (10.3.9+)
File Format		TIFF, JPEG, PDF		
Driver		TWAIN		—

*Limited functionality



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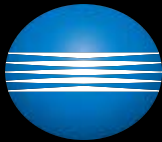
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KONICA MINOLTA

bizhub PRO
C6501



The Full-colour
on Demand Print System



The essentials of imaging

Flexible on-demand digital colour printing that meets the demands of your customers – and your business.

If you don't have the flexibility to offer your customers speed, colour, and finishing options at a competitive cost, they won't be your customers for long. That's why you need a digital colour press to reliably handle even complex jobs. Introducing the bizhub PRO C6501. Equipped with the tools you need to process and finish small lot, on-demand runs smoothly and efficiently, you can quickly move on to the next job and generate more business in less time. With the bizhub PRO C6501 on your production floor, you can take every order in stride.



High-Productivity

65ppm high-speed printing to meet even the tightest deadlines.

When you have the power to print at a speedy 65ppm in colour and B/W while offering impressive inline finishing options, you can process more orders and take on more complex jobs. Meanwhile, on-the-fly replacement of toner and paper means reduced downtime and improved efficiency.



In-house Processing

Take on any challenge with a variety of high-quality finishing options.

Never turn down a job again. The wealth of finishing options includes folding, saddle stitching and trimming, stapling, and hole punching. Best of all, you can use paper up to 300g/m² in weight, coated sheets, and irregular sizes – everything you need to get the job done right, without outsourcing.



Flexibility

Keep your customers satisfied by completing small lot jobs in a hurry.

Achieve quality comparable to that of an offset press for all your orders without the need for film or plates. Any job, even variable print runs and other customised documents, can be quickly output from data when it is needed.



Reliability

The durability to stand up to the rigors of production printing.

A highly rigid frame ensures excellent durability, while the box chassis is strengthened with a docuble layer. And with long-lasting consumables, you'll enjoy exceptional cost performance with the bizhub PRO C6501.

bizhub PRO C6501



- Full-colour A4-size printing at 65ppm
- Compatible with 300g/m² thick paper, coated paper and many other media
- Image quality rivaling offset printing
- Highly accurate front/back registration
- Numerous automated finishing options including folding, saddle stitching and stapling
- Exceptional durability and long life for consumables

Your business needs a system that can effortlessly handle a diverse range of high-volume output. The bizhub PRO C6501 delivers.

Paper Handling

Large paper capacity increase print efficiency

7,500-sheet Paper Capacity

The three standard universal trays offer a combined paper capacity of 1,500 sheets. Add to that an optional tray unit to fit the needs of your business: you can choose between the PF-602 Paper Feed Cabinet with two 3,000-sheet trays or the 2,500-sheet LU-202 Large Capacity Unit. To reduce downtime when paper runs out in mid-print, the same size is automatically located in another tray and printing resumes without pause.



LU-202 Large Capacity Unit 2,500 sheets

250-sheet Multi-bypass Tray

The 250-sheet multi-bypass tray enables printing at postcard size (100 x 148mm). It can also handle paper up to 300g/m², making it ideal for thick media such as stiff, glossy paper often used for DMs, brochures and other marketing materials.

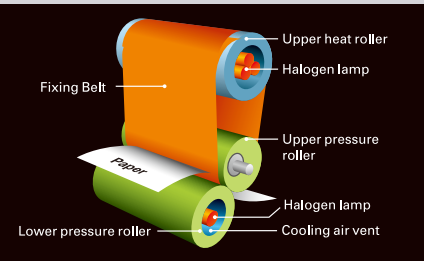


Paper Cart with the LS-505 Large Capacity Stacker

Simply wheel out the 5,000-sheet capacity cart from the LS-505 Stacker to smoothly move large jobs for offline finishing.

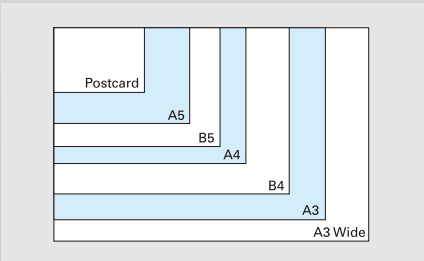


Compatibility with a wide range of media boosts the value of your business



Improved Compatibility with Coated Paper

The newly developed belt-type fixing unit improves feeding accuracy and speed thanks to a wider nip width. And with a cooling vent in the lower pressure roller of the fixing unit, blistering and warping of coated paper are reduced.



A Wide Range of Paper Supported

Sizes from postcard to 330 x 487mm are supported, enabling A3 layouts to be output at full size, complete with trim marks. The main unit trays can handle paper between 64g/m² to 256g/m², while the PF-602 Paper Feed Cabinet, the LU-202 Large Capacity Unit, and the Multi-bypass are compatible with paper weights up to 300g/m².



Paper Registration Settings

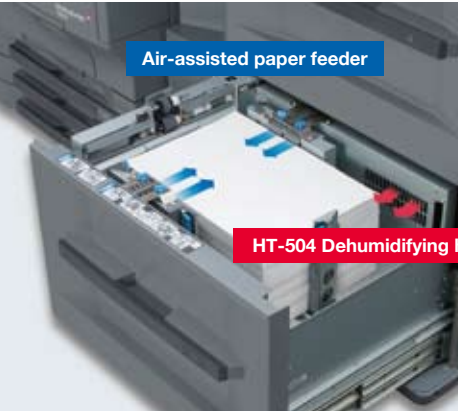
The bizhub PRO C6501 lets you register up to 60 paper types, sizes and weights along with sophisticated settings such as image correction and air-assisted paper feeding. Once registered, each job can be prepared at the push of a button.

Exclusive technologies for staple paper feeding

Air-assisted Paper Feeding

The optional PF-602 Paper Feed Cabinet and LU-202 Large Capacity Unit both feature an air-assisted paper-feeding mechanism that separates stuck sheets by blowing air at a constantly changing force and frequency. The occurrence of multi-feed is dramatically reduced – even for coated paper in humid conditions*.

*With the optional HT-503 or HT-504 Dehumidifying heater.



Air-assisted paper feeder

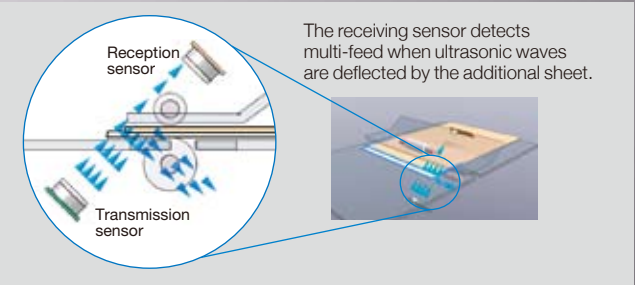
HT-504 Dehumidifying heater

Main Unit
500 sheets x 3 trays

PF-602 Paper Feed Cabinet
3,000 sheets x 2 trays

Multi-feed Detection

The optional PF-602 Paper Feed Cabinet uses ultrasonic sensors to detect multi-feed with a high level of accuracy. However, if multi-feed does occur, the bizhub PRO C6501 automatically shuts down to minimise misprint, greatly reducing the burden of checking for blank pages mixed in with output.



The receiving sensor detects multi-feed when ultrasonic waves are deflected by the additional sheet.

Gradations so fine, colours so vivid, it's like having an offset press on

Image Quality

Konica Minolta's Exclusive Imaging Technologies

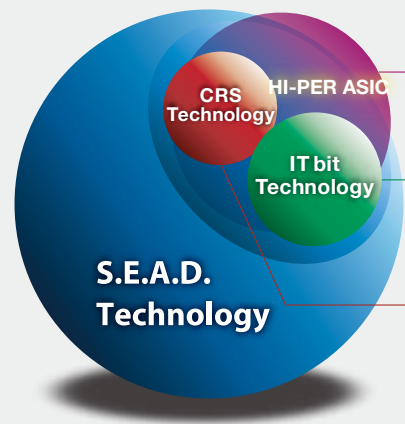
High Definition
Polymerised Toner
Simitri HD

Image Processing
Technologies
S.E.A.D.



S.E.A.D. processing technology, for image quality that exceeds all expectations

S.E.A.D. (Screen-Enhancing Active Digital Processing) is the core image processing technology behind the bizhub PRO C6501. This image processing system works closely with the machine's optics, developing unit and other processes to emphasise each component's unique characteristics and make possible a comprehensive, high-class image processing environment.



HI-PER ASIC

An exclusive ASIC layout that offers full digital control over imaging processes.

IT bit Technology

Four features to improve imaging accuracy: Laser Exposure Control, Dot Position Control, Multi-bit Screen and Text Enhancement.

CRS Technology

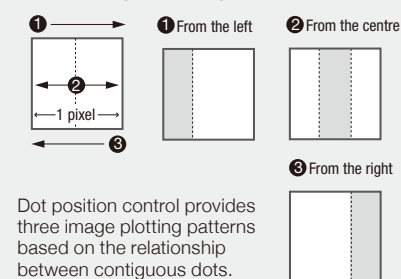
A system that uses feedback from the engine to make adjustments to imaging components.

IT bit (Image Tag bit) Technology

A collection of four technologies, (1) laser exposure with nanosecond pulse control for precise dot placement of each colour, (2) dot position control to write in fine resolution (1/256 of total dot width) for detailed edges of fine dot width) for detailed edges of fine lines and text that runs together smoothly, (3) multi-

bit screening that performs 4-bit processing in the engine to express fine gradations, and (4) text enhancement to accurately detect the area of print data and reproduce the colours and unique characteristics of text.

Three Image Plotting Patterns

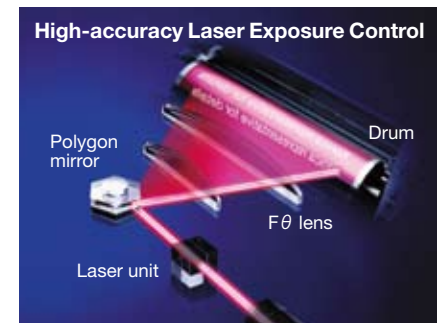


CRS (Colour Retention and Stability) Technology

An exclusive technology that continuously monitors the status of the main body, receiving feedback about changes in the print environment and the engine to make adjustments necessary to maintain high print quality.

HI-PER ASIC

An exclusive ASIC layout streamlines the imaging process from the optical system to the writing system. Each imaging step is fully controlled digitally to enable 600dpi x 8bit colour output at 65ppm in extremely high image quality.



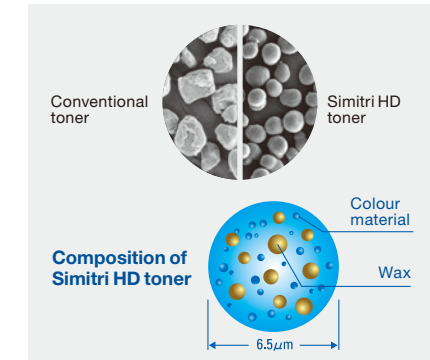
your production floor.

Simitri HD

High Definition Polymerized Toner

Newly Engineered Simitri HD Polymerised Toner

The particles in Simitri HD toner are extremely small and consistent in shape, ensuring improved colour photo and illustration quality and clear reproduction of text and line drawings. The smooth outer surface and evenly dispersed wax and colour pigment offer a great hold and a consistent finish for high image quality across diverse media.



New Simitri HD polymerised toner offers high image quality

Oil-less Fusing System

A special compound fusing process delivers high-quality, low-gloss output that allows you to easily write with a pen on virtually any document.

Superior Colour Reproduction Range

Simitri HD toner provides a wider reproduction range across the entire colour spectrum. Most notably, there is visible saturation between yellow and red.

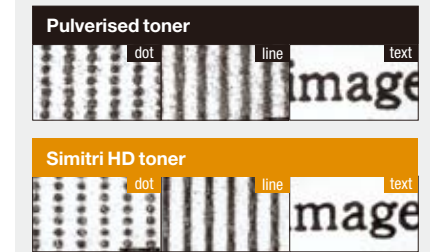
High Durability

New Simitri HD toner offers resistance to fading comparable to offset ink and excellent resistance to peeling compared to other MFPS. Documents can be stored for long periods of time and still retain the same high image quality as the day they were printed.

Detailed Reproduction of Fine Lines

Halftones and fine characters are reproduced with greater precision than conventional pulverised toner. This gives documents a professional-looking clarity and refinement.

Comparison of pulverised toner and Simitri HD toner (internal test)



Low Temperature Fixing Reduces Paper Stress

The bizhub PRO C6501 affixes Simitri HD toner using less heat energy than previous models. By reducing excess heat, this fixing process minimises paper stress.

Increasing the value of documents, stabilising text and images for print

1,800 dpi equivalent x 600 dpi resolution

Thanks to exclusive smoothing technology, documents can be output at a stunning 1,800 dpi equivalent x 600 dpi resolution.

Text Enhancement

During printing, text data is isolated from image data and processed to best enhance reproduction. Detailed outlines are precisely defined, while reversed text and fine text are optimised to clearly stand out.

Detailed Reproduction of Small Characters

A newly developed technology controls the screen by adjusting exposure time of the engine's lasers. Even text at small point sizes are not only legible, but very clear.

Stable Image Quality and Colour Alignment

The transfer belt features an optical sensor to monitor the density of toner and provide instructions such as adjusting laser strength and screen gradation to maintain consistency and precise coverage, even during long runs. At the same time, optical sensors monitor the

colour registration mark on the transfer belt, allowing for automatic correction of misalignment between colours. Doing so helps to improve the precision of colour output.



Better Registration Accuracy for Two-sided Printing

Robust ADU Design

The ADU is built on a sturdy steel chassis for precise, stable performance. An additional conveyance roller reduces skew of thick and coated paper, while increasing overall paper feed capability.

Fine-tuning Image Placement and Registration

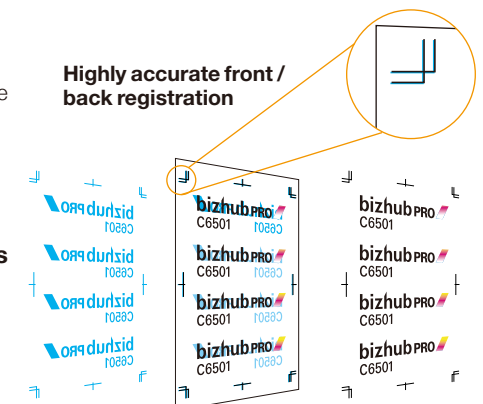
From the touch panel, users can make slight adjustments to image position (in 0.1mm increments), and magnification (in 0.01%

increments) for length and width. An exclusive chart can also be printed and measured for accuracy, enabling on-screen registration adjustments by tray.

Advanced Image Alignment Sensors

The position of each sheet that passes through the LU-202 Large Capacity Unit is checked by a series of centering detection sensors to help ensure high registration accuracy.

Highly accurate front / back registration

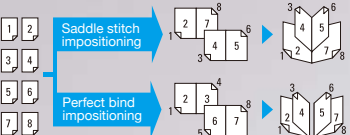


Expand the scope of your business with automatic inline folding, saddle stitching, and stapling.

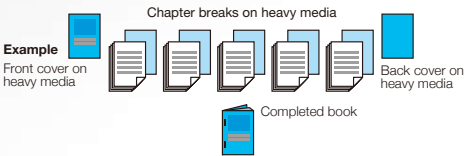
Finishing

When a customer places a large order for saddle-stitched booklets or presentation packages with glossy covers, and the deadline is tight, the bizhub PRO C6501 has the finishing options to do the job right the first time. Time-consuming tasks such as folding, stapling, hole-punching and page insertion have been automated, reducing the labour required to complete a complex order.

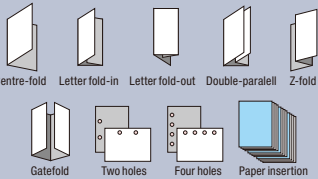
Imposition Options for Various Layout Type



Complex Finishing Processes by Page



Use reliable finishing functions to produce high-quality deliverables in house



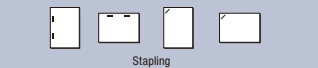
FD-503 Multi-Folding Unit

The optional FD-503 gives you the ability to fold output in six ways: centre-fold, letter fold-out, letter fold-in, double-parallel, gatefold, and Z-fold. 2- and 4-hole punching is also available, and users can set the position of the holes to suit each job. Furthermore, covers can be inserted to separate one set of output from the next.



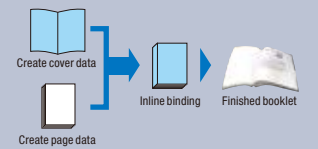
SD-506 Saddle Stitcher

Create high-quality saddle stitched booklets up to 200 pages (50 sheets) long with the SD-506. After printing, output up to A3 in size can be sent to the SD-506 to be folded and trimmed, giving deliverables a neat, consistent look. Additionally, creating centre- or letter-folded documents is also automated.



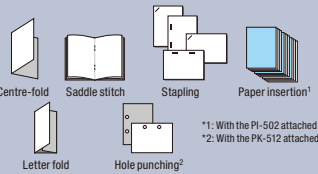
FS-521 Staple Finisher

Automatically stapling up to 100 sheets of paper in one of four positions (horizontal corner or 2-point, vertical corner or 2-point), the FS-521 is ideal for production professionals who regularly print a large volume of long documents. The FS-521 also trims the excess length from staples and folds their protruding ends for a clean, consistent finish every time – even on booklets with few pages.



PB-502 Perfect Binder

The PB-502 Perfect Binder enables high-quality inline perfect binding with excellent cost performance. This compact unit automates the process of making booklets up to 300 sheets (600 pages) in length and even trims the cover sheet to match the thickness of the inner pages. High volume jobs are also possible; up to 1,000 cover sheets can be set and two rows of 22(11 x 2) finished booklets can be stacked.



FS-607 Staple Finisher

The multi-purpose FS-607 excels in a number of areas: stapling up to 50 sheets, saddle stitching 20 sheets (80 pages), and offering centre-folding and letter-folding. With the optional PK-512 Punch Kit and PI-502 Post Inserter attached, the FS-607 can also be used for hole punching and page insertion.

Take control of your data. With the flexibility your customers demand and the technology you need to make it happen.



Print Controller

More functionality with versatile print controllers

Some products are not available in some areas.

The Fiery IC-305, IC-408 and Creo IC-304 Plus, a solution for any system

From precise colour calibration to flexible variable printing, the optional IC-305 with a 160GB HDD and 1GB of standard memory is the pro-level print controller that seamlessly handles the rigours of a production print environment. And for compact systems, the embedded IC-408 controller offers powerful performance in a small size. The Creo IC-304 Plus Print Controller delivers exceptional colour and image quality, high productivity and automation – perfect for digital print professionals with demanding graphic arts and variable printing requirements.



IC-305

The variable printing solution

FreeForm (Fiery)

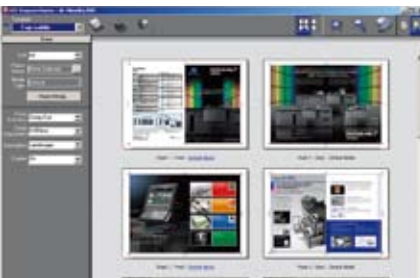
Personalised marketing materials such as DMs are a great way to build strong relationships with customers. With FreeForm, RIPed data can be paired with variable data to automatically create customised output.



From data manipulation to imposition and bookmaking

EFI Impose (Fiery)

This optional software allows you to make adjustments to files that have already been spooled. Editing features include combining data from multiple files and applications, replacing pages and creating page impositions for saddle stitching and folding. With EFI Impose, it's easy to create new files as well as manage pre-existing files.



Management tools for faithful colour reproduction

ColorWise (Fiery*)

Adjust colour settings to suit paper types and automate colour document workflow with ColorWise, the colour management system that ensures consistent colour across applications, computer platforms, and colour file formats. *IC-408: Option

Fiery Calibrator (Fiery)

Fiery Calibrator enables the main body scanner to measure 272 colours, making it useful as a high-precision colour measurement tool to calibrate the bizhub PRO C6501.

Spot-On (Fiery)

Giving you the ability to create, adjust, and use custom spot colours, Spot-On simplifies the process of job-specific colour management. Spot colour data for DIC, TOYO, HKS, and Pantone are pre-installed and spot colours can be edited and saved with CMYK values.

Print job management from your PC

Command WorkStation (Fiery)

A powerful network management tool, Command WorkStation gives you a high level of control right from your PC. Among other functions, spooled jobs can be reprinted and the order of queued jobs can be rearranged to prioritise output.

Hot Folder (Fiery*)

This timesaving feature allows you to simply drag and drop a file into a preset folder to begin printing right from a network PC. Job tickets containing user-defined output instructions for colour, size, and other settings are automatically created and embedded in the designated Hot Folder before being sent to the print controller* for processing. The result is full automation of the printing process. *IC-408: Option



Designed for peace of mind and ease of use.



Usability/Security/Reliability

Smart design facilitates professional-level productivity

12.1-inch LCD Colour Monitor with Large Touch Panel

The bizhub PRO C6501 features a large touch-panel with an intuitive, colour interface. Despite the wealth of functions available, guide messages easily direct users through every step, from selecting paper size to setting finishing options. The panel rests on a swiveling arm that can be swung and tilted to accommodate the requirements of every user.

Front Access for Easy Maintenance

Beyond easy replenishment of paper and toner supplies, user-friendly front access also allows simple maintenance to internal parts such as the paper feed path and output areas. In the unlikely event of a paper jam, it can quickly be cleared without moving the machine.



Easy-grip Parts

Following the precepts of universal design, all trays feature handles that enable comfortable opening and closing with either an underhand or overhand grip. This idea even extends to the RADF, which is also fitted with a handle that requires minimal effort.



Rigid assembly for reduced vibration

A highly rigid frame ensures excellent durability, while the box chassis is strengthened with a double layer. Rigid horizontal panels are used to protect the chassis from vibration caused by rotating parts in the internal mechanism. And with long-lasting consumables, you'll enjoy exceptional cost performance with the bizhub PRO C6501.



Protect your sensitive data from unauthorised access

Currently Undergoing ISO15408 Certification

To protect your customers' data as well as your private information, the bizhub PRO C6501 features stringent security functions such as user authentication and Hard Disk Lock. These and other measures help prevent unauthorised access to your most important assets.

Choose the right system plan to grow your business.

System Plan 1



For companies that need high quality, high productivity and a broad range of finishing options, this system represents an ideal solution in a remarkably compact design.

This highly compact configuration is aimed at print centres that require flexible media and finishing options for a wide range of small lot jobs.



System Plan 3



Inline finishing prowess to meet production printing demands

System Plan 3 is ideal for production print environments that require flexibility from start to finish. Offering a wealth of inline finishing functions, including folding, punching, saddle-stitching, and even perfect-binding, the most sophisticated jobs – large or small – are completed with unrivaled efficiency and ease.



System Plan 2



A high-volume system to facilitate external document finishing

The 7,500-sheet capacity complements the LS-505 Large Capacity Stacker, whose 5,000-page stacking capability allows large runs to be carted away for external finishing. This system also allows for automated, inline stapling – perfect for businesses in need of light production infrastructure.



System Plan 4



An entry-level system with surprising flexibility

Despite its compact footprint, this system offers a 4,000-sheet paper capacity and a host of finishing functions you would expect to find only in larger systems. Easily create booklets and pamphlets with a wide variety of folding and hole-punch options, and stack up to 2,500 pages of finished output that are ready for delivery.

